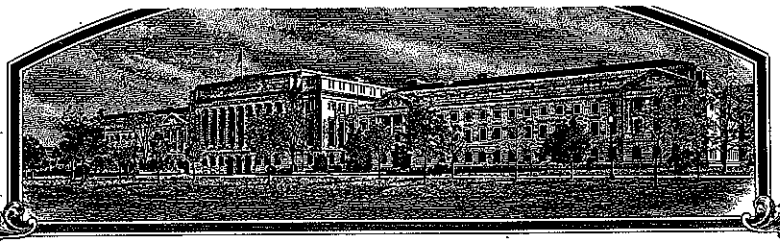
200200254

No.



THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Sudkartoffel GmbH

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR IMPORTING IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE ABOVE PURPOSES, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

POTATO

'Exempla'

In Testimony Whereof, I have hereunto set my hand and caused the seal of the Plant Variety Protection Office to be affixed at the City of Washington, D.C. this seventh day of April, in the year two thousand and eight.

Attest:

Commissioner
Plant Variety Protection Office
Agricultural Marketing Service

Secretary of Agriculture

REPRODUCE LOCALLY. *Include form number and date on all reproductions*

Form Approved - OMB No. 0581-0055

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE AND TECHNOLOGY - PLANT VARIETY PROTECTION OFFICE

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE
(Instructions and information collection burden statement on reverse)

The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a) and the Paperwork Reduction Act (PRA) of 1995.

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).

1. NAME OF OWNER
Südkartoffel GmbH

2. TEMPORARY DESIGNATION OR EXPERIMENTAL NAME

3. VARIETY NAME
Exempla

4. ADDRESS *(Street and No., or R.F.D. No., City, State, and ZIP Code, and Country)*
Johann-Firlbeck-Str. 20
94348 Atting, Germany

5. TELEPHONE *(include area code)*
49-9421-22019

6. FAX *(include area code)*

FOR OFFICIAL USE ONLY

PVPO NUMBER
#200200254

FILING DATE
May 1, 2002

7. IF THE OWNER NAMED IS NOT A "PERSON", GIVE FORM OF ORGANIZATION *(corporation, partnership, association, etc.)*
Corporation

8. IF INCORPORATED, GIVE STATE OF INCORPORATION
Germany

9. DATE OF INCORPORATION

10. NAME AND ADDRESS OF OWNER REPRESENTATIVE(S) TO SERVE IN THIS APPLICATION. *(First person listed will receive all papers)*
1- Solanum International Inc. #7, 52001, RR 275, Spruce Grove. Alberta T7X 3V2
2- Global Agri Services Inc. 376 New Maryland Hwy, NB E3C 1E5

FEES RECEIVED

FILING AND EXAMINATION FEES:
$ 2705.00
DATE 5/1/02

CERTIFICATION FEE:
$ 768.00
DATE Oct. 18, 2007

11. TELEPHONE (Include area code)
(780) 963-4507

12. FAX (Include area code)
(780) 963-4507

13. E-MAIL
htbakker@telus.net

14. CROP KIND *(Common Name)*
Potato

16. FAMILY NAME *(Botanical)*
Solanaceae

15. GENUS AND SPECIES NAME OF CROP
Solanum tuberosum L.

17. IS THE VARIETY A FIRST GENERATION HYBRID?
■ YES ☐ NO

18. DOES THE VARIETY CONTAIN ANY TRANSGENES? ***(OPTIONAL)***
☐ YES ■ NO
IF SO, PLEASE GIVE THE ASSIGNED USDA-APHIS REFERENCE NUMBER FOR THE APPROVED PETITION TO DEREGULATE THE GENETICALLY MODIFIED PLANT FOR COMMERICALIZATION. _____

19. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED
(Follow instructions on reverse)

a. ■ Exhibit A. Origin and Breeding History of the Variety
b. ■ Exhibit B. Statement of Distinctness
c. ■ Exhibit C. Objective Description of Variety
d. ☐ Exhibit D. Additional Description of the Variety *(Optional)*
e. ■ Exhibit E. Statement of the Basis of the Owner's Ownership
f. ■ Exhibit F. Declaration Regarding Deposit
g. ☐ Voucher Sample *(3,000 viable untreated seeds or, for tuber propagated varieties, verification that tissue culture will be deposited and maintained in an approved public repository)*
g. ■ Filing and Examination Fee ($4,382), made payable to "Treasurer of the United States" *(Mail to the Plant Variety Protection Office)*

20. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE SOLD AS A CLASS OF CERTIFIED SEED? *(See Section 83(a) of the Plant Variety Protection Act)*
☐ YES *(If "yes", answer items 21 and 22 below)* ■ NO *(If "no", go to item 23)*

21. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF CLASSES?
☐ YES ■ NO
IF YES, WHICH CLASSES? ☐ FOUNDATION ☐ REGISTERED ☐ CERTIFIED

22. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS?
☐ YES ■ NO
IF YES, SPECIFY THE NUMBER 1,2,3, etc. FOR EACH CLASS.
☐ FOUNDATION ☐ REGISTERED ☐ CERTIFIED
(If additional explanation is necessary, please use the space indicated on the reverse.)

23. HAS THE VARIETY (INCLUDING ANY HARVESTED MATERIAL) OR A HYBRID PRODUCED FROM THIS VARIETY BEEN SOLD, DISPOSED OF, TRANSFERRED, OR USED IN THE U. S. OR OTHER COUNTRIES?
■ YES ☐ NO
IF YES, YOU MUST PROVIDE THE DATE OF FIRST SALE, DISPOSITION, TRANSFER, OR USE FOR EACH COUNTRY AND THE CIRCUMSTANCES. *(Please use space indicated on reverse.)*

24. IS THE VARIETY OR ANY COMPONENT OF THE VARIETY PROTECTED BY INTELLECTUAL PROPERTY RIGHT *(PLANT BREEDER'S RIGHT OR PATENT)*?
■ YES ☐ NO
IF YES, PLEASE GIVE COUNTRY, DATE OF FILING OR ISSUANCE AND ASSIGNED REFERENCE NUMBER. *(Please use space indicated on reverse.)*

25. The owners declare that a viable sample of basic seed of the variety has been furnished with application and will be replenished upon request in accordance with such regulations as may be applicable, or for a tuber propagated variety a tissue culture will be deposited in a public repository and maintained for the duration of the certificate.

The undersigned owner(s) is(are) the owner of this sexually reproduced or tuber propagated plant variety, and believe(s) that the variety is new, distinct, uniform, and stable as required in Section 42, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act.

Owner(s) is (are) informed that false representation herein can jeopardize protection and result in penalties.

SIGNATURE OF OWNER		SIGNATURE OF OWNER	
NAME *(Please print or type)*		NAME *(Please print or type)*	
JACOB WANDERSCHAAF			
CAPACITY OR TITLE	DATE	CAPACITY OR TITLE	DATE
AGENT / PRES.	April 29, 2002		

(See reverse for instructions and information collection burden statement)

ST-470 (02-06) designed by the Plant Variety Protection Office using Word 2003.

GENERAL INSTRUCTIONS: To be effectively filed with the Plant Variety Protection Office (PVPO), **ALL** of the following items must be **received** in the PVPO: (1) Completed application form signed by the owner; (2) completed exhibits A, B, C, E, F; (3) for a tuber reproduced variety, verification that a viable *(in the sense that it will reproduce an entire plant)* tissue culture will be deposited and maintained in an approved public repository; and (4) payment by credit card or check drawn on a U.S. bank for $4,382 ($518 filing fee and $3,864 examination fee), payable to "Treasurer of the United States" *(See Section 97.6 of the Regulations and Rules of Practice)*. **NEW:** With the application for a seed reproduced variety **or by direct deposit soon after filing**, the applicant must provide at least 3,000 viable untreated seeds of the variety *per se*, and for a hybrid variety at least 3,000 untreated seeds of each line necessary to **reproduce** the variety. Partial applications will be held in the PVPO for not more than 90 days; then returned to the applicant as un-filed. Mail application and other requirements to Plant Variety Protection Office, AMS, USDA, Room 401, NAL Building, 10301 Baltimore Avenue, Beltsville, MD 20705-2351. Retain one copy for your files. All items on the face of the application are self explanatory unless noted below. Corrections on the application form and exhibits must be initialed and dated. **DO NOT** use masking materials to make corrections. If a certificate is allowed, you will be requested to send a payment by credit card or check payable to "Treasurer of the United States" in the amount of $768 for issuance of the certificate. Certificates will be issued to owner, not licensee or agent.

NOTES: It is the responsibility of the applicant/owner to keep the PVPO informed of any changes of address or change of ownership or assignment or owner's representative during the life of the application/certificate. The fees for filing a change of address; owner's representative; ownership or assignment; or any modification of owner's name is specified in Section 97.175 of the regulations. *(See Section 101 of the Act, and Sections 97.130, 97.131, 97.175(h) of the Regulations and Rules of Practice.)*

Plant Variety Protection Office
Telephone: (301) 504-5518 **FAX:** (301) 504-5291
General E-mail: PVPOmail@usda.gov
Homepage: http://www.ams.usda.gov/science/pvpo/PVPindex.htm

#200200254

SPECIFIC INSTRUCTIONS:
To avoid conflict with other variety names in use, the applicant must check the appropriate recognized authority and **provide evidence** that the permanent name of the application variety (even if it is a parental, inbred line) has been cleared by the appropriate recognized authority before the Certificate of Protection is issued. For example, for agricultural and vegetable crops, contact: U.S. Department of Agriculture, Agricultural Marketing Service, Livestock and Seed Programs, **Seed Regulatory and Testing Branch**, 801 Summit Crossing Place, Suite C, Gastonia, North Carolina 28054-2193 Telephone: (704) 810-8870. http://www.ams.usda.gov/lsg/seed.htm.

ITEM

19a. Give:
(1) the genealogy, including public and commercial varieties, lines, or clones used, and the breeding method;
(2) the details of subsequent stages of selection and multiplication;
(3) evidence of uniformity and stability; and
(4) the type and frequency of variants during reproduction and multiplication and state how these variants may be identified

19b. Give a summary of the variety's distinctness. Clearly state how this application variety may be distinguished from all other varieties in the same crop. If the new variety is most similar to one variety or a group of related varieties:

(1) identify these varieties and state all differences objectively;
(2) attach replicated statistical data for characters expressed numerically and demonstrate that these are clear differences; and
(3) submit, if helpful, seed and plant specimens or photographs (prints) of seed and plant comparisons which clearly indicate distinctness.

19c. Exhibit C forms are available from the PVPO Office for most crops; specify crop kind. Fill in Exhibit C (Objective Description of Variety) form as completely as possible to describe your variety.

19d. Optional additional characteristics and/or photographs. Describe any additional characteristics that cannot be accurately conveyed in Exhibit C. Use comparative varieties as is necessary to reveal more accurately the characteristics that are difficult to describe, such as plant habit, plant color, disease resistance, *etc.*

19e. Section 52(5) of the Act requires applicants to furnish a statement of the basis of the applicant's ownership. An Exhibit E form is available from the PVPO.

20. If "Yes" is specified *(seed of this variety be sold by variety name only, as a class of certified seed)*, the applicant **MAY NOT** reverse this affirmative decision after the variety has been sold and so labeled, the decision published, or the certificate issued. However, if "No" has been specified, the applicant may change the choice. *(See Regulations and Rules of Practice, Section 97.103).*

23. *See Sections 41, 42, and 43 of the Act and Section 97.5 of the regulations for eligibility requirements.*

24. *See Section 55 of the Act for instructions on claiming the benefit of an earlier filing date.*

22. CONTINUED FROM FRONT *(Please provide a statement as to the limitation and sequence of generations that may be certified.)*

23. CONTINUED FROM FRONT *(Please provide the date of first sale, disposition, transfer, or use for each country and the circumstances, if the variety (including any harvested material) or a hybrid produced from this variety has been sold, disposed of, transferred, or used in the U.S. or other countries.)*

Germany May 6, 1998

24. CONTINUED FROM FRONT *(Please give the country, date of filing or issuance, and assigned reference number, if the variety or any component of the variety is protected by intellectual property right (Plant Breeder's Right or Patent).)*

Germany February 10, 1997 Application Number 3172

PVP APPLICATION 'Exempla'

17. A ORIGIN AND BREEDING HISTORY OF THE VARIETY

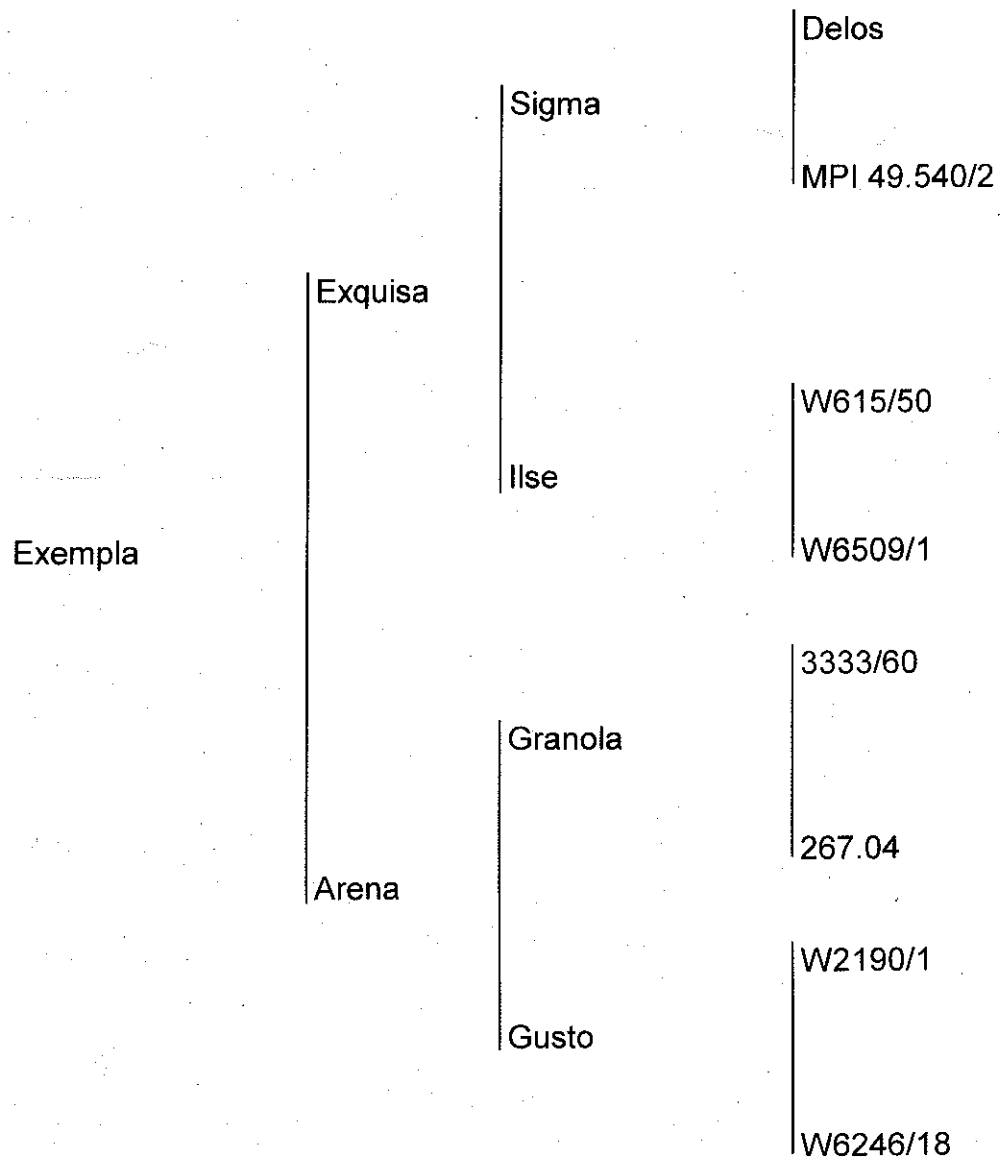
'Exempla' originated from the cross of 'Exquisa' x 'Arena', made at the breeding station of the applicant in Saatzucht Firlbeck, Germany in 1997.

'Exempla' was selected in the field as a seedling in 1998 at the breeding station of the applicant in Germany. It is derived from the hybridization of the two parents. The selection criteria were yield, quality for consumption, processing quality, flesh colour, tuber size and shape and skin texture.

Since its selection, 'Exempla' was asexually-propagated via tubers, as well as micro-propagated plantlets. During the twelve years of evaluation and propagation, there is no report of variants arising from 'Exempla' indicating it is a stable genotype with uniform morphology.

#200200254

'Exempla' Pedigree

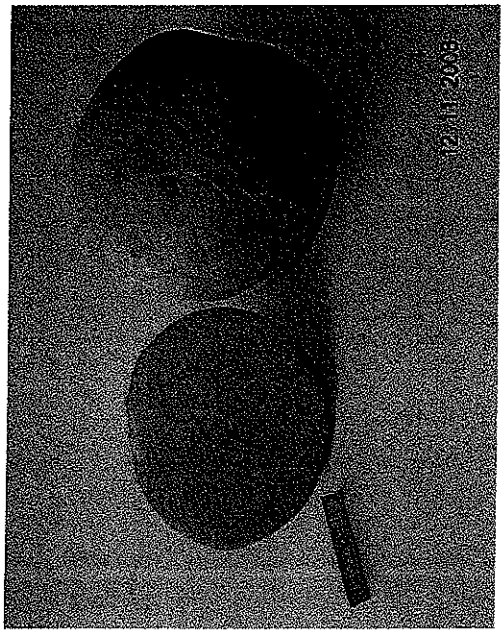


PVP APPLICATION 'Exempla'

17. B STATEMENT OF DISTINCTNESS

The genetic structure is highly uniform due to the vegetative propagation of the potato plants. The phenotypic expression can vary in function of the interaction between genotype and environment and therefore the following statements are made.

'Exempla' is most similar to 'Yukon Gold'; however, 'Exempla' the tuber shape is oblong while 'Yukon Gold' tuber shape is round to oval. In addition 'Exempla' light sprout general shape is ovoid while 'Yukon Gold' light sprout general shape is spherical.



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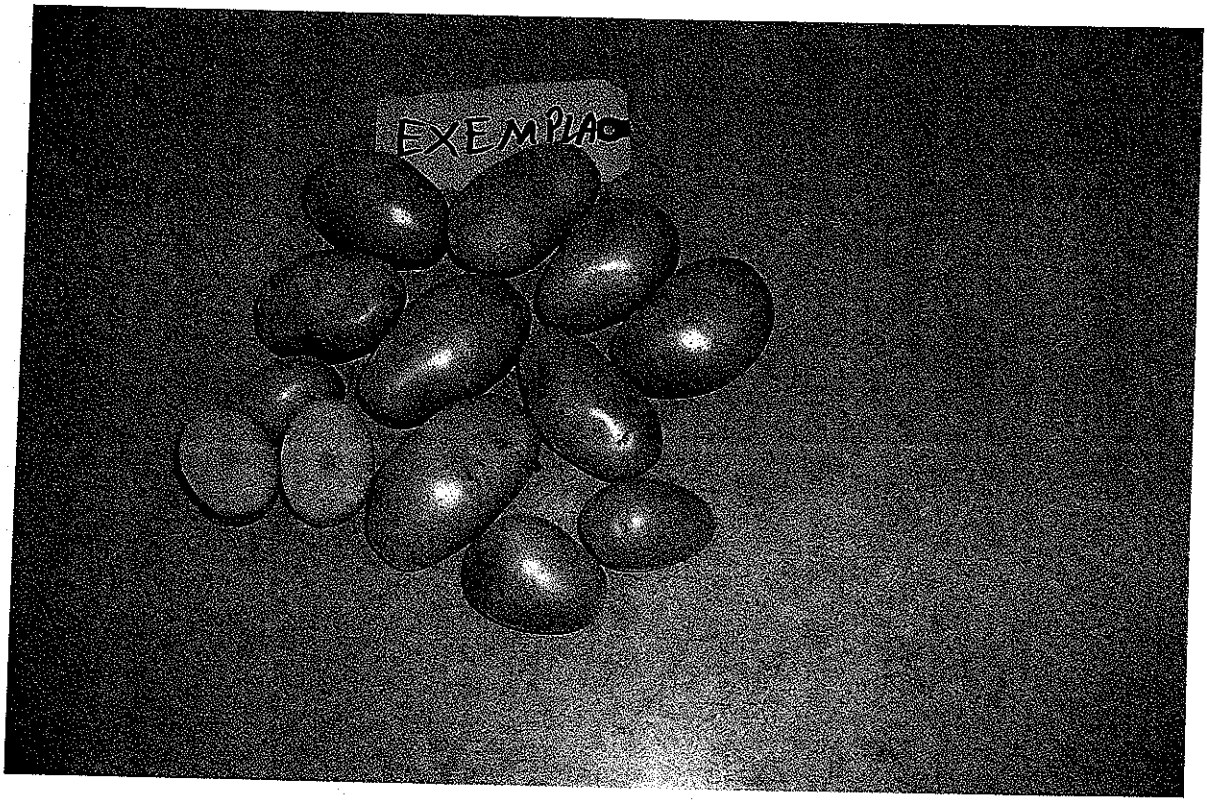

#20020054

#20020025 4

Exhibit C (*Potato*)

OBJECTIVE DESCRIPTION OF VARIETY
POTATO (*Solanum tuberosum L.*)

NAME OF APPLICANT(S)
Südkartoffel GmbH

PVPO NUMBER
200200254

#200200254

ADDRESS
Joh. -Firlbeck-Str. 20
94348 Atting, Germany

VARIETY NAME
Exempla

R1 = **Yukon Gold** R2 = R3 = R4= R5 =

TEMPORARY OR EXPERIMENTAL DESIGNATION

1. MARKET CHARACTERISTICS:

MARKET CLASS:
1 = Yellow-flesh tablestock; 2 = Round-white tablestock; 3 = Chip-processing; 4 = Frozen-processing
5 = Russet tablestock; 6 = other _____
1

		VARIETY	R1	R2	R3	R4	R5
2. LIGHT SPROUT CHARACTERISTICS							
2.1 Light Sprout General Shape							
Spherical	1	2	1				
Ovoid	2						
Conical	3						
Broad Cylindrical	4						
Narrow Cylindrical	5						
Other	6						
2.2 Light Sprout Base Pubescence							
Absent	1	2	3				
Weak	2						
Medium	3						
Strong	4						
Very Strong	5						
2.3 Light Sprout Base Anthocyanin Coloration							
Green	1	3	2				
Red-Violet	2						
Blue-Violet	3						
Other	4						
2.4 Light Sprout Base Intensity of Anthocyanin Coloration							
Absent	1	2	4				
Weak	2						
Medium	3						
Strong	4						
Very Strong	5						
2.5 Light Sprout Tip Habit							
Closed	1	1	1				
Medium	2						
Open	3						

2.6 Light Sprout Tip Pubescence

Absent	1
Weak	2
Medium	3
Strong	4
Very Strong	5

3 2

2.7 Light Sprout Tip Anthocyanin Coloration

Green	1
Red-Violet	2
Blue-Violet	3
Other	4

1 1

2.8 Light Sprout Tip Intensity of Anthocyanin

Absent	1
Weak	2
Medium	3
Strong	4
Very Strong	5

1 1

2.9 Light Sprout Root Initial Freguency

Low	1
Medium	2
High	3

2 1

3. PLANT CHARACTERISTICS

3.1 Growth Habit:

erect	1
semi-erect	5
spreading	7

5 1

3.2 Foliage Type

stem	1
intermediate	2
leaf	3

2 1

3.3 Maturity (DAP at vine senescence)

3.4 Planting Date

3.5 Regional Area

3.6 Maturity Class

very early <100	1
early 100-110	2
mid-season 111-120	3
late 121-130	4
very late >130	5

4. STEM CHARACTERISTICS

4.1 Stem Anthocyanin Coloration

Absent	1
Weak	3
Medium	5
Strong	7
Very Strong	9

1 5

4.2 Stem Wings

Absent	1	9	5
Weak	3		
Medium	5		
Strong	7		
Very Strong	9		

#200200254

5. LEAF CHARACTERISTICS

5.1 Leaf Color

Yellowish-Green	1	1	1
Olive-Green	2		
Medium Green	3		
Dark Green	4		
Grey Green	5		
Other	6		

5.2 Leaf Color (RHS)

RHSCC	147A

5.3 Leaf Pubescence Density

Absent	1	5	2
Sparse	2		
Medium	3		
Thick	4		
Heavy	5		

5.4 Leaf Pubescence Length

None	1	2
Short	2	
Medium	3	
Long	4	
Very Long	5	

5.5 Leaf Silhouette

Closed	1	3	5
Medium	3		
Open	5		

5.6 Petioles Anthocyanin Coloration

Absent	1	1	1
Weak	3		
Medium	5		
Strong	7		
Very Strong	9		

5.7 Leaf Stipules Size

Absent	1	5	5
Small	3		
Medium	5		
Large	7		

5.8 Termnial Leaflet Shape

Narrowly Ovate	1	2	1-4
Medium Ovate	2		
Broadly Ovate	3		
Lanceolate	4		
Elliptical	5		
Obovate	6		
Oblong	7		
Other	8		

5.9 Terminal Leaflet Tip Shape

Acute	1	3	1-3
Cuspidate	2		
Acuminate	3		
Obtuse	4		
Other	5		

5.10 Terminal Leaflet Base Shape

Cuneate	1	5	2
Acute	2		
Obtuse	3		
Cordate	4		
Truncate	5		
Lobed	6		
Other	7		

5.11 Terminal Leaflet Margin Waviness

Absent	1	3	3
Slight	2		
Weak	3		
Medium	4		
Strong	5		

5.12 Number of Primary Leaflet Pairs

Average		6
Range	4	6-6

5.13 Primary Leaflet Size

Very Small	1	3	3
Small	2		
Medium	3		
Large	4		
Very Large	5		

5.14 Primary Leaflet Shape

Narrowly Ovate	1	2	1-4
Medium Ovate	2		
Broadly Ovate	3		
Lanceolate	4		
Elliptical	5		
Obovate	6		
Oblong	7		
Other	8		

5.15 Primary Leaflet Tip Shape

Acute	1	3	1-3
Cuspidate	2		
Acuminate	3		
Obtuse	4		
Other	5		

5.16 Primary Leaflet Base Shape

Cuneate	1	5	3
Acute	2		
Obtuse	3		
Cordate	4		
Truncate	5		
Lobed	6		
Other	7		

5.17 Number of Secondary and Tertiary Leaflet Pairs

Average		9.2
Range	4-12	9-10

6. INFLORESCENCE CHARACTERISTICS

6.1 Number of Inflorescence/Plant

Average	4.8
Range	3-6

6.2 Number of Florets/Inflorescence

Average	12.2
Range	9-20

6.3 Corolla Inner Surface Color

RHSCC	155D	76C

6.4 Corolla Outer Surface Color

RHSCC	155D	76C

#200200254

6.5 Corolla Inner Surface Color

White	1
Red-Violet	2
Blue-Violet	3
Cream	4
Red-Purple	5
Blue	6
Pink	7
Pink-White	8
Purple	9
Violet	10
Purple-Violet	11
Violet-White 1:1	12
Violet-White 1:3	14
Violet-White 3:1	15
Violet-White Halo	16
Pink-White 1:1	17
Pink-White 1:3	18
Pink-White 3:1	19
Pink-White Halo	20
RedViolet White 1:1	21
RedViolet-White 1:3	22
RedViolet-White 3:1	23
RedViolet-White Halo	24
BlueViolet-White 1:1	25
BlueViolet-White 1:3	26
BlueViolet-White 3:1	27
BlueViolet-White Halo	28
Other	12

1 9

6.6 Corolla Shape

Very Rotate	1
Rotate	2
Pentagonal	3
Semi-Stellate	4
Stellate	5

3

6.7 Calyx Anthocyanin Coloration

Absent	1
Weak	3
Medium	5
strong	7
very strong	9

1 3

6.8 Anther Color

RHSCC	

17C

6.9 Anther Shape

Broad Cone	1
Narrow Cone	2
Pear Shape Cone	3
Loose	4
Other	5

1 1

6.10 Pollen Production

None	1
Some	3
Abundant	5

6.11 Stigma Shape

Capitate	1	1	1
Clavate	2		
Bi-Lobed	3		

6.12 Stigma Color

RHSCC	147B

6.13 Berry Production

None	1
Low	3
Moderate	5
Heavy	7
Very Heavy	9

7. TUBER CHARACTERISTICS

7.1 Predominant Skin Color

White	1	3	3
Light Yellow	2		
Yellow	3		
Buff	4		
Tan	5		
Brown	6		
Pink	7		
Red	8		
Purplish-Red	9		
Purple	10		
Dark Purple-Black	11		
Other	12		

RHSCC	164C

7.2 Secondary Skin Color

Absent	1	1	2
Present (describe)	2		

RHSCC	NA	62A

7.3 Secondary Skin Color Distribution

Eyes	1	NA	1
Eyesbrows	2		
Splashed	3		
Scattered	4		
Spectacled	5		
Stippled	6		
Other	7		

7.4 Skin Texture

Smooth	1	2	1
Rough	2		
Netted	3		
Russetted	4		
Heavily Russetted	5		
Other	6		

#200200254

7.5 Tuber Shape

Compressed	1	4	2-3
Round	2		
Oval	3		
Oblong	4		
Long	5		
Other	6		

7.6 Tuber Thickness

Round	1	2
Medium Thick	2	
Slightly Flattened	3	
Flattened	4	
Other	5	

7.7 Tuber Length (mm)

Average	81.3	75.7
Range	62-120	62-90
Standard Deviation	12.7	9.5
Average Weight of Sample	6.4kg	155.4

7.8 Tuber Width (mm)

Average	52.4	67.7
Range	40-74	62-75
Standard Deviation	7.8	4.4
Average Weight of Sample	6.4 kg	155.4

7.9 Tuber Thickness (mm)

Average	53.9	53.1
Range	35-64	51-55
Standard Deviation	6.5	1.9
Average Weight of Sample	6.4 kg	155.4

7.10 Tuber Eyes Depth

Protuding	1	3	3
Shallow	3		
Intermediate	5		
Deep	7		
Very Deep	9		

7.11 Tuber Lateral Eyes Depth

Protuding	1	2	2
Shallow	3		
Intermediate	5		
Deep	7		
Very Deep	9		

7.12 Number of Eyes Per Tuber

Average	7.4
Range	6-9

7.13 Distribution of Tuber Eyes

Predominantly Apical	1	2	2
Evenly Distributed	2		

#200200254

7.14 Prominence of Tuber Eyebrows

Not Prominant	1	1	2
Slight Prominence	2		
Medium Prominence	3		
Very Prominence	4		
Other	5		

7.15 Primary Tuber Flesh Color

White	1	3	3
Light Yellow	2		
Yellow	3		
Buff	4		
Tan	5		
Brown	6		
Pink	7		
Red	8		
Purple Red	9		
Purple	10		
Dark-Purple Black	11		
0ther	12		

RHSCC		12C	12C

7.16 Secondary Flesh Color

Absent	1	1	1
Present (describe)	2		

RHSCC		NA	NA

7.17 Number of Tuber/Plant

Low (<8)	1	2	1
Medium (8-15)	2		
High (>15)	3		

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U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE

EXHIBIT E
STATEMENT OF THE BASIS OF OWNERSHIP

Application is required in order to determine if a plant variety protection certificate is to be issued *(7 U.S.C. 2421)*. The information is held confidential until the certificate is issued *(7 U.S.C. 2426)*.

1. NAME OF APPLICANT(S)

Südkartoffel GmbH

2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER

3. VARIETY NAME

Exempla

4. ADDRESS *(Street and No., or R.F.D. No., City, State, and ZIP, and Country)*

Johann-Firlbeck-Str. 20
94348 Atting, Germany

5. TELEPHONE *(Include area code)*

49-9421-22019

6. FAX *(Include area code)*

7. PVPO NUMBER

200200254

8. Does the applicant own all rights to the variety? Mark an "X" in the appropriate block. **If no, please explain.** ☑ **YES** ☐ **NO**

9. Is the applicant (individual or company) a U.S. national or a U.S. based company? **If no, give name of country.** ☐ **YES** ☑ **NO**

Germany

10. Is the applicant the original owner? ☑ **YES** ☐ **NO** **If no, please answer <u>one</u> of the following:**

a. If the original rights to variety were owned by individual(s), is (are) the original owner(s) a U.S. National(s)?
☐ **YES** ☐ **NO** **If no, give name of country**

b. If the original rights to variety were owned by a company(ies), is (are) the original owner(s) a U.S. based company?
☐ **YES** ☐ **NO** **If no, give name of country**

11. Additional explanation on ownership *(Trace ownership from original breeder to current owner. Use the reverse for extra space if needed)*:

PLEASE NOTE:

Plant variety protection can only be afforded to the owners (not licensees) who meet the following criteria:

1. If the rights to the variety are owned by the original breeder, that person must be a U.S. national, national of a UPOV member country, or national of a country which affords similar protection to nationals of the U.S. for the same genus and species.

2. If the rights to the variety are owned by the company which employed the original breeder(s), the company must be U.S. based, owned by nationals of a UPOV member country, or owned by nationals of a country which affords similar protection to nationals of the U.S. for the same genus and species.

3. If the applicant is an owner who is not the original owner, both the original owner and the applicant must meet one of the above criteria.

The original breeder/owner may be the individual or company who directed the final breeding. See Section 41(a)(2) of the Plant Variety Protection Act for definitions.

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE AND TECHNOLOGY
PLANT VARIETY PROTECTION OFFICE
BELTSVILLE, MD 20705

EXHIBIT F
DECLARATION REGARDING DEPOSIT

NAME OF OWNER (S)	ADDRESS (Street and No. or RD No., City, State, and Zip Code and Country)	TEMPORARY OR EXPERIMENTAL DESIGNATION
Südkartoffel GmbH	Johann-Firlbeck-Str. 20 94348 Atting, Germany	VARIETY NAME Exempla
NAME OF OWNER REPRESENTATIVE (S) Solanum International Inc.	ADDRESS (Street and No. or RD No., City, State, and Zip Code and Country) #7, 52001, RR 275, Spruce Grove Alberta T7X 3V2	[redacted] PVPO NUMBER 200200254

#200200254

I do hereby declare that during the life of the certificate a viable sample of propagating material of the subject variety will be deposited, and replenished as needed periodically, in a public repository in the United States in accordance with the regulations established by the Plant Variety Protection Office.

Signature

March 2007
Date